Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 07 Sep 2022 until 23:59 on Thursday 08 Sep 2022

Forecast Issued on Tuesday 06 Sep 2022 at 14:20

Confidence: High for the unsettled, changeable theme, but low for precise rain and thunderstorm detail and timings.

Headline for Wednesday 07 Sep 2022: Scattered, heavy showers with a chance of thunder once again on Wednesday.

Mountain weather hazards on Wednesday 07 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Cloudy	Sunny intervals	Heavy rain showers	Thundery showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
10%	50%	20%	20%	40%	60%	30%	10%

Forecast for Wednesday 07 Sep 2022

Weather: Often dry, but some passing showers likely towards the end of the night and low cloud becoming quite widespread across the park. A rather murky start to the day, with areas of low cloud, but this soon lifting and breaking. Otherwise, continuing fairly warm but unsettled, with a risk of heavy showers and thunderstorms developing, especially during the afternoon. Some strong gusty winds possible in association with any showers. Showers, once again, easing into the evening along with clearing skies.

Chance of cloud-free hill tops above 600m: 20% improving 80% through morning.

Low cloud and visibility: Areas of cloud potentially obscuring hills above 300m at first, perhaps down to valley floors for some. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 07 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 S	17/23 SE	15/21 S	17/23 S	17/24 S	16/24 S	14/20 S	14/22 SE	14/21 SE
300	13/22 SE	13/21 SE	11/19 S	14/20 S	15/22 S	14/22 S	11/18 SE	12/21 SE	10/19 SE
Valley	8/20 SE	8/19 SE	7/18 SE	10/19 S	11/21 S	9/20 S	7/16 SE	7/19 SE	7/17 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/8	12/9	12/9	14/11	15/12	14/11	12/10	12/9
300	14/11	14/12	14/12	15/12	17/14	17/14	16/14	15/13	14/12
Valley	14/12	14/13	14/13	16/15	18/16	18/17	17/16	14/14	14/13
Freezing Level*	2300m	2500m	2400m	2400m	2500m	2500m	2400m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine possible during cloud breaks. Conditions may deteriorate quickly during the afternoon with any heavy, thundery showers, so it's worth being ready to descend off of exposed routes and ridges. Waterproofs also essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 06 Sep 2022	18.2mm	22.2mm	22.2mm

Forecast for Thursday 08 Sep 2022

Weather: Mainly dry again overnight, with a chance of some showers towards and just after dawn. Rather murky once more to start the day, with areas of low cloud, but soon lifting and breaking through the morning. Otherwise, continuing fairly warm but unsettled, with a risk of heavy showers and thunderstorms, especially during the afternoon. Some strong gusty winds possible, mainly early morning and also in association with any afternoon showers.

Maximum wind: Southeasterly 20mph, gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 20% improving 80% through the morning.

Low cloud and visibility: Areas of cloud potentially obscuring hills above 300m at first, perhaps down to valley floors for some. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Temperature: **Valleys:** Plus 12 becoming plus 22 degrees Celsius
At 600m: Plus 11 becoming plus 14 degrees Celsius
Freezing level: Above the summits

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